

## INTEGRATED GUIDANCE SYSTEM

### ABSTRACT OF THE INVENTION

An integrated guidance system is disclosed. The integrated guidance system  
5 includes a position determination system adapted for determining a current position.  
Additionally, the integrated guidance system further includes a lightbar device adapted  
for providing a visual representation of the deviation of the current position from a  
desired path to guide movement along the desired path. Furthermore, the integrated  
guidance system has a data input device, and a display device for displaying text and  
10 graphics. Moreover, the integrated guidance system includes a user interface system  
adapted for facilitating user interaction by integrating operation of the position  
determination system, the lightbar device, the data input device, and the display  
device. In an embodiment, the user interface system comprises a processor and  
processor-executable instructions for implementing a user interface.